

ABSTRACT

A turbine blade (1) for a gas turbine has a hollow airfoil (2) extending from a platform (3, 4). There is a filet (13) between the airfoil (2) and the platform (3, 4), both on the pressure side (8) and on the suction side (9) of the airfoil (2). The
5 filet (13) contains a cooling bore (17, 18) extending along part of the length of the filet (13), having a first end (17a, 18a) communicating with the interior of the turbine blade (1) for receiving a gaseous coolant and a second end (17b, 18b) communicating with the exterior of the turbine blade (1). The cooling bore (17,
10 18) may be formed by Electro-Discharge Machining (EDM).

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(Fig. 5)